Kit MSDS

Doc. ID: A17000: Rev. AA

Product Information

Product Name	Hemoccult®ICT Control Kit
Part Number	395068
Series Name:	
Additional Product Information:	

Doc. ID *A17000 AA*
Issued (year/month/day) *2004/04/05*

Components

	Description
	Negative Control
	Positive Control

Transport Information

Transportation of this product is not regulated under ICAO, IMDG, US DOT, European ADR or Canadian TDG.

BECKMAN COULTER®

MATERIAL SAFETY DATA SHEET

Section 1 Company and Product Identification

Product Name	Negative Control
Part Number	Component of P/N 395068

Hemoccult® ICT Control Kit
Doc. ID *A17000 AA*
Issued (year/month/day) *2004/04/05*

Product Use	For In Vitro Diagnostic Use. See product literature for details.
Manufacturer	Beckman Coulter, Inc. 4300 Harbor Blvd. Fullerton, CA 92835-3100, U.S.A.
Distributor and Emergency Phone No.	☎ Refer to attached list, Document ID: 472050, for local distributor and emergency phone numbers.

Section 2 Composition and Information on Ingredients

Hazardous Ingredients:			**Meets Hazardous Criteria:**		
Chemical Name	**CAS #**	**% by wt.**	**EU**	**US OSHA**	**WHMIS**
octylphenoxypoly(ethoxyethanol)	9036-19-5	<2	No	Yes	Exempt

See Section 15 Regulatory Information for additional information on hazard classifications.

Section 3 Hazards Identification

Emergency Overview

Colorless; Transparent; Liquid; Odorless
Nonflammable aqueous solution.
Skin and eye irritant.
Contains material of animal origin.

Physical Hazards

Sodium azide forms explosive compounds with heavy metals. This product contains concentrations of azide <0.1% (w/w) which with repeated contact with lead and copper commonly found in plumbing drains may result in the build up of shock sensitive compounds.

Potential Health Effects Summary

May cause mild irritation of skin and eyes.

This product contains material of animal origin and should be considered as potentially capable of transmitting infectious diseases.

Product Hazard Classifications	**EU:**	**WHMIS:**	**US OSHA:**
	Not applicable	Exempt	Hazardous

Beckman Coulter Safety Rating

Flammability (Section V): 0
Health (Section XI): 1
Reactivity with Water (Section X): 0
Contact (Section VIII): 1

Code
0=none
1=slight
2=caution
3=severe

Section 4 First Aid Measures

Inhalation	If product is inhaled, move exposed individual to fresh air. If individual is not breathing, begin artificial respiration immediately and obtain medical attention.
Eye Contact	If product is splashed in eyes, wash eyes under gently running water for 15 minutes or longer, making sure that the eyelids are held open. Obtain medical attention.
Skin Contact	In case of skin contact, flush with copious amounts of water for at least 15 minutes. If pain or irritation occur, obtain medical attention.
Ingestion	If ingested, wash mouth out with water. Contact local poison control center for assistance. Seek medical attention immediately.

Section 5 Fire Fighting Measures

Flash Point	Not applicable
Flammable Limits	Not applicable
Autoignition Temp.	Not applicable
Extinguishing Media	Use extinguishing media suitable for surrounding fire.
Special Fire and Explosion Hazards	No special hazards determined.
Hazardous Combustion Products	No combustion products posing significant hazards are expected from this product (a dilute aqueous solution).
Protective Equipment for Firefighters	Self-contained breathing apparatus is recommended for firefighters.

Section 6 Accidental Release Measures

Personal Precautions	Safety glasses should be worn to prevent eye contact.
Spill and Leak Procedures	Wipe up material carefully and place in container suitable for disposal.
Environmental Precautions	Contain spill to prevent migration.

Section 7 Handling and Storage

Handling Precautions	Safety glasses should be worn to prevent eye contact.
Recommended Storage Conditions	To maintain efficacy, store according to the instructions in the product labeling. Keep away from incompatible material.

Section 8 Exposure Controls and Personal Protection

Exposure Limits	
US OSHA:	None established
ACGIH:	None established
DFG MAK:	None established
Engineering Controls	Use in well ventilated area.

Section 8 Exposure Controls and Personal Protection (Continued)

Respiratory Protection	Under normal conditions, the use of this product should not require respiratory protection. If overexposure should occur and ventilation is not adequate to maintain airborne concentrations at acceptable levels, the use of respiratory protection should be evaluated by a qualified professional.
Eye Protection	Safety glasses or chemical goggles should be worn to prevent eye contact.
Skin Protection	Impervious gloves should be worn to prevent skin contact.

Section 9 Physical and Chemical Properties

Physical State	Liquid
Color	Colorless
Transparency	Transparent
Odor	Odorless
Odor Threshold	Not applicable
pH	7.4
Boiling Point	100°C(212°F)
Melting Point	0°C(32°F)
Specific Gravity	1.005 @20°C
Vapor Pressure	Not available
Vapor Density	Not available
Evaporation Rate	Not available
Solubility	
Water	Miscible
Organic	Not available

Section 10 Stability and Reactivity

Stability	Stable under normal temperatures and pressures.
Hazardous Incompatibilities	Metals and metallic compounds Sodium azide forms explosive compounds with heavy metals. This product contains concentrations of azide <0.1% (w/w) which with repeated contact with lead and copper commonly found in plumbing drains may result in the build up of shock sensitive compounds.
Hazardous Decomposition Products	When stored as labeled, no known hazardous decomposition products are formed during the shelf-life of this product.
Conditions to Avoid	Keep away from incompatible material.

Section 11 Toxicological Information

Toxicity Data for Hazardous Ingredients octylphenoxypoly(ethoxyethanol)	Oral LD50 Rat: 4190 mg/kg; Oral LD50 Mouse: 3500 mg/kg

Section 11 Toxicological Information (Continued)

Primary Routes of Exposure	The most likely routes of exposure are skin, eye contact and inhalation.
Potential Effects of Acute Exposure	Eye contact with concentrated octylphenoxypoly(ethoxyethanol) may result in severe irritation; permanent corneal damage may occur. Inhalation of mists may cause irritation of the upper respiratory tract. Ingestion may result in gastrointestinal irritation.
Potential Effects of Chronic Exposure	Frequent or long-term exposure may result in conjunctivitis and dermatitis.
Symptoms of Overexposure	Symptoms of overexposure may include: dry, red, cracked skin; red irritated eyes; nausea and vomiting.
Carcinogenicity	This product does not contain a reportable concentration (≥ 0.1%) of any ingredient listed as carcinogen by ACGIH, IARC, NTP, OSHA or 67/548/EEC Annex I.
Other Effects	Animal studies with octylphenoxypoly(ethoxyethanol) indicate possible reproductive effects.
Conditions Aggravated by Exposure	None identified.

Section 12 Ecological Information

Ecotoxicity	Toxic to fish and other water organisms.
Biodegradability	No information available.
Mobility	No information available.

Section 13 Disposal Considerations

Waste Disposal	Dispose of waste product, unused product and contaminated packaging in compliance with federal, state and local regulations. If unsure of the applicable requirements, contact the authorities for information. Sodium azide preservative may form explosive compounds in metal drain lines. See NIOSH Bulletin: Explosive Azide Hazard (8/16/76).

Section 14 Transport Information

Transportation of this product is not regulated under ICAO, IMDG, US DOT, European ADR or Canadian TDG.

Section 15 Regulatory Information

US Federal and State Regulations

SARA 313	Ethylene Oxide is subject to reporting requirements of Section 313, Title III of SARA. 1,4-Dioxane is subject to reporting requirements of Section 313, Title III of SARA. Sodium Azide is subject to reporting requirements of Section 313, Title III of SARA.
CERCLA RG's, 40 CFR 302.4	Ethylene Oxide is listed. 1,4-Dioxane is listed. Sodium Azide is listed.

Section 15 Regulatory Information (Continued)

US Federal and State Regulations

California Proposition 65	Ethylene Oxide has been identified by the State of California to cause cancer and reproductive harm. The State of California has adopted a regulation which requires a warning be given to individuals who may be exposed to chemicals identified by the State to cause cancer or reproductive harm. Accordingly, Beckman Coulter advises you of the following warning: **WARNING:** This product contains a chemical known to the State of California to cause cancer and reproductive harm. 1,4-Dioxane has been identified by the State of California to cause cancer. The State of California has adopted a regulation which requires a warning be given to individuals who may be exposed to chemicals identified by the State to cause cancer or reproductive harm. Accordingly, Beckman Coulter advises you of the following warning: **WARNING:** This product contains a chemical known to the State of California to cause cancer.
Massachusetts MSL	Ethylene Oxide is listed. 1,4-Dioxane is listed. Sodium Azide is listed.
New Jersey Dept. of Health RTK List	Ethylene Oxide is listed. 1,4-Dioxane is listed. Sodium Azide is listed.
Pennsylvania RTK	Ethylene Oxide is listed. 1,4-Dioxane is listed. Sodium Azide is listed.

EU Labeling Classification

Preparation not classified.

Canada

This product is exempt from WHMIS label and MSDS requirements.

PIN:	Not applicable
Ingredients on Ingredient Disclosure List:	Ethylene Oxide 1,4-Dioxane octylphenoxypoly(ethoxyethanol) Sodium Azide
Ingredients with unknown toxicological properties:	Product is exempt

Section 16 Other Information

For further information, please contact your local Beckman Coulter representative.

MATERIAL SAFETY DATA SHEET

Section 1 Company and Product Identification

Product Name	Positive Control
Part Number	Component of P/N 395068

Hemoccult® ICT Control Kit
Doc. ID *A17000 AA*
Issued (year/month/day) *2004/04/05*

Product Use	For In Vitro Diagnostic Use. See product literature for details.
Manufacturer	Beckman Coulter, Inc. 4300 Harbor Blvd. Fullerton, CA 92835-3100, U.S.A.
Distributor and Emergency Phone No.	☎ Refer to attached list, Document ID: 472050, for local distributor and emergency phone numbers.

Section 2 Composition and Information on Ingredients

Hazardous Ingredients: **None**

Section 3 Hazards Identification

Emergency Overview

Pale yellow; Transparent; Liquid; Odorless
Nonflammable aqueous solution.
Does not meet EU, OSHA or WHMIS criteria for hazardous materials.
Contains material of human origin.

Physical Hazards

Sodium azide forms explosive compounds with heavy metals. This product contains concentrations of azide <0.1% (w/w) which with repeated contact with lead and copper commonly found in plumbing drains may result in the build up of shock sensitive compounds.

Potential Health Effects Summary

This product does not meet EU, OSHA or WHMIS criteria for hazardous materials. However, it does contain material of human origin and should be considered potentially infectious.

Product Hazard Classifications	**EU:**	**WHMIS:**	**US OSHA:**
	Not applicable	Exempt	Not applicable

Beckman Coulter Safety Rating

Flammability (Section V): 0
Health (Section XI): 1
Reactivity with Water (Section X): 0
Contact (Section VIII): 1

Code
0=none
1=slight
2=caution
3=severe

Section 4 First Aid Measures

Inhalation

If product is inhaled, move exposed individual to fresh air. If individual is not breathing, begin artificial respiration immediately and obtain medical attention.

Eye Contact

If product is splashed in eyes, wash eyes under gently running water for 15 minutes or longer, making sure that the eyelids are held open. Obtain medical attention.

Section 4 First Aid Measures (Continued)

Skin Contact	In case of skin contact, flush with copious amounts of water for at least 15 minutes. Then gently wash skin with soap and water; rinse well. If product contacted broken skin, soak the wound area with a 1:10 dilution of fresh household bleach for 10 minutes. Rinse with water to remove residual bleach. (Remove contaminated clothing and disinfect with a 1:10 dilution of fresh household bleach.) Obtain medical attention.
Ingestion	If ingested, wash mouth out with water. Contact local poison control center for assistance. Seek medical attention immediately.

Section 5 Fire Fighting Measures

Flash Point	Not applicable
Flammable Limits	Not applicable
Autoignition Temp.	Not applicable
Extinguishing Media	Use extinguishing media suitable for surrounding fire.
Special Fire and Explosion Hazards	No special hazards determined.
Hazardous Combustion Products	Due to the nature and volume of this product, the type and amount of combustion products are negligible.
Protective Equipment for Firefighters	Self-contained breathing apparatus is recommended for firefighters.

Section 6 Accidental Release Measures

Personal Precautions	Use universal precautions during clean up procedures.
Spill and Leak Procedures	As a precautionary measure, treat spilled material with a 1:10 bleach/water solution. Absorb liquid and place in container suitable for disposal. Avoid generation of aerosols during clean up. Comply with applicable waste disposal regulations.
Environmental Precautions	Contain spill to prevent migration.

Section 7 Handling and Storage

Handling Precautions	This product should be handled as though capable of transmitting infectious diseases. Universal precautions should be followed when using this product.
Recommended Storage Conditions	Keep away from incompatible material. To maintain efficacy, store according to the instructions in the product labeling.

Section 8 Exposure Controls and Personal Protection

Exposure Limits	
US OSHA:	None established
ACGIH:	None established
DFG MAK:	None established
Engineering Controls	Use in well ventilated area.

Section 8 Exposure Controls and Personal Protection (Continued)

Respiratory Protection	Under normal conditions, the use of this product should not require respiratory protection. If overexposure should occur and ventilation is not adequate to maintain airborne concentrations at acceptable levels, the use of respiratory protection should be evaluated by a qualified professional.
Eye Protection	Safety glasses or chemical goggles should be worn to prevent eye contact.
Skin Protection	Impervious gloves, such as latex or equivalent, should be worn to prevent skin contact.

Section 9 Physical and Chemical Properties

Physical State	Liquid
Color	Pale yellow
Transparency	Transparent
Odor	Odorless
Odor Threshold	Not applicable
pH	7.4
Boiling Point	100°C(212°F)
Melting Point	0°C(32°F)
Specific Gravity	Not available
Vapor Pressure	Not available
Vapor Density	Not available
Evaporation Rate	Not available
Solubility	
Water	Miscible
Organic	Not available

Section 10 Stability and Reactivity

Stability	Stable under normal temperatures and pressures.
Hazardous Incompatibilities	Metals and metallic compounds Sodium azide forms explosive compounds with heavy metals. This product contains concentrations of azide <0.1% (w/w) which with repeated contact with lead and copper commonly found in plumbing drains may result in the build up of shock sensitive compounds.
Hazardous Decomposition Products	When stored as labeled, no known hazardous decomposition products are formed during the shelf-life of this product.
Conditions to Avoid	Keep away from incompatible material.

Section 11 Toxicological Information

Toxicity Data for Hazardous Ingredients	Not applicable

Section 11 Toxicological Information (Continued)

Primary Routes of Exposure	Common routes of entry include inhalation, ingestion and eye/skin contact. Specific paths of concern for potentially infectious materials are skin puncture, contact with broken skin, contact with mucous membranes and inhalation of aerosolized material.
Potential Effects of Acute Exposure	This product contains materials of human origin and should be considered potentially infectious. No other health hazards were identified from a review of available literature.
Potential Effects of Chronic Exposure	Effects are similar to those for acute exposure.
Symptoms of Overexposure	No specific symptoms identified.
Carcinogenicity	No ingredients in this product are listed as carcinogens by ACGIH, IARC, NTP, OSHA or 67/548/EEC Annex I.
Other Effects	None identified.
Conditions Aggravated by Exposure	None identified.

Section 12 Ecological Information

Ecotoxicity	No information available.
Biodegradability	No information available.
Mobility	No information available.

Section 13 Disposal Considerations

Waste Disposal	Dispose of waste product, unused product and contaminated packaging in compliance with federal, state and local regulations. If unsure of the applicable requirements, contact the authorities for information. Sodium azide preservative may form explosive compounds in metal drain lines. See NIOSH Bulletin: Explosive Azide Hazard (8/16/76).

Section 14 Transport Information

Transportation of this product is not regulated under ICAO, IMDG, US DOT, European ADR or Canadian TDG.

Section 15 Regulatory Information

US Federal and State Regulations

SARA 313	Sodium Azide is subject to reporting requirements of Section 313, Title III of SARA. Potassium Cyanide is subject to reporting requirements of Section 313, Title III of SARA.
CERCLA RG's, 40 CFR 302.4	Potassium Cyanide is listed. Sodium Azide is listed.
California Proposition 65	No ingredients listed
Massachusetts MSL	Potassium Cyanide is listed. Sodium Azide is listed.
New Jersey Dept. of Health RTK List	Potassium Cyanide is listed. Sodium Azide is listed.

Section 15 Regulatory Information (Continued)

US Federal and State Regulations

Pennsylvania RTK	Potassium Cyanide is listed. Sodium Azide is listed.

EU Labeling Classification

Preparation not classified.

Canada

This product does not meet WHMIS criteria for hazardous materials.

PIN:	Not applicable
Ingredients on Ingredient Disclosure List:	Sodium Azide
Ingredients with unknown toxicological properties:	Product is exempt

Section 16 Other Information

For further information, please contact your local Beckman Coulter representative.

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